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RECEIVED

MAY 11 1992

VIA HAND DELIVERY

May 11, 1992

Federal Communications Commission  
Office of the Secretary

David R. Siddall, Chief  
Frequency Allocation Branch  
Office of Engineering and Technology  
Federal Communications Commission  
Room 7102  
2025 M Street, N.W.  
Washington, D.C. 20554

Re: Freedom of Information Act Requests on Behalf  
of TRW, Inc. (CN92-88), Ellipsat Corp. (CN92-83),  
and Constellation Communications, Inc. (CN92-86)  
(File No. PP-32; ET Docket No. 92-28)

Dear Mr. Siddall:

I am in receipt of your letters to counsel for TRW, Inc. ("TRW"), Ellipsat Corporation ("Ellipsat") and Constellation Communications, Inc. ("CCI") responding to their Freedom of Information Act ("FOIA") requests relating to the materials submitted by Motorola Satellite Communications, Inc. ("Motorola") in a Confidential Appendix in support of its pioneer's preference request in ET Docket No. 92-28.

You have requested a response from Motorola concerning which of the alternatives outlined in your letters Motorola intends to pursue with respect to the possible return or disclosure of the materials contained in its Confidential Appendix. For the most part, Motorola is prepared to release these materials subject to a suitable Protective Order being entered by the Commission limiting access to this information only to Commission personnel and "specified individuals" of parties to the pioneer's preference proceeding. Some of this material must be redacted before any disclosure can be made in order to protect Motorola's confidences, commercial information and trade secrets. It is my understanding that once a suitable Protective Order is entered into, these materials could be used by the Commission in deciding whether to grant Motorola a

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List A B C D E

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pioneer's preference for the innovations contained in the IRIDIUM™ system. A limited amount of these materials, however, must be returned to Motorola without any further disclosure due to the highly sensitive nature of the information.

The following sets forth Motorola's position with respect to each item contained in the Confidential Appendix:

Tab A      Patent Materials Relating to the IRIDIUM™ System Design

A1      Satellite Cellular Telephone and Data Communications System

All of this material may be released (subject to minor redactions) pursuant to the entry of a suitable Protective Order. Six foreign patents have already been issued on this case.

A2      Position Aided Subscriber Unit for a Satellite Cellular System

All of this material may be released (subject to minor redactions) pursuant to the entry of a suitable Protective Order. This patent has been allowed in the United States and Motorola expects the issuance of a patent shortly.

A3      Power Management System for a Worldwide Multiple Satellite Communications System

This material must not be released and Motorola requests that it be returned in its entirety.

A4      Telemetry, Tracking and Control for Satellite Cellular Communication Systems

All of this material may be released (subject to minor redactions) pursuant to the entry of a suitable Protective Order. This patent has been allowed in the United States and Motorola expects the issuance of a patent shortly.

A5      Method of Predicting Cell-to-Cell Hand-Offs for a Satellite Cellular Communications System

All of this material may be released (subject to minor redactions) pursuant to the entry of a

suitable Protective Order. This patent has been allowed in the United States and Motorola expects the issuance of a patent shortly.

A6 Eleven Abstracts of Disclosure and Accompanying Diagrams

Only the titles of these patent applications may be released at this time. All other materials must be returned to Motorola.

A7 Papers relating to Chinese patent application (English translations)

All of this material may be released and placed in the public record.

Tab B Preliminary Results of Propagation Experiments

B1 L-Band Propagation Data Collection

Most of this material may be released pursuant to a suitable Protective Order with the exception of the following pages which must be returned to Motorola:

"Propagation Data Summary and Performance Projection" (fourth page)

"Signal Attenuation (in dB) with a User Inside a Vehicle" (eighth and ninth pages)

B2 Propagation Measurement Antenna Characterization

Only the first four pages may be released pursuant to a suitable Protective Order. The remaining portions must be returned to Motorola.

B3 The Affect of Multipath Propagation in the IRIDIUM™ System

Only the first three pages may be released pursuant to a suitable Protective Order. The remaining portions must be returned to Motorola.

Tab C Computer Program of Satellite Link Simulation

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Motorola is prepared to substitute a videotape of the operation of this computer program in lieu of the computer diskette, and place this videotape in the public record. The actual computer program contains commercial information and is a trade secret of Motorola, and must be returned to Motorola pursuant to Section 0.459(e) of the Commission's Rules.

Tab D      Videotape of Land Mobile Simulation of IRIDIUM™ System

Motorola is prepared to make this videotape available to other parties to this proceeding pursuant to the entry of a suitable Protective Order.

Please advise me as to the specific provisions contemplated for the Protective Order. I also can make arrangements for the submission of redacted copies of the materials to be disclosed to other parties to the pioneer's preference proceeding.

Thank you for your prompt attention to this matter. I look forward to hearing from you in the near future. By copy of this letter, I am serving those persons listed on the attached Service List with Motorola's response to your letters of May 4, 1992.

Respectfully submitted,



Philip L. Malet

Counsel for Motorola Satellite  
Communications, Inc.

cc: Counsel of Record (Attached Service List)

CERTIFICATE OF SERVICE

I, Philip L. Malet, hereby certify that the copies of the foregoing letter were served by first-class mail, postage prepaid, this 11th day of May, 1992, on the following persons:

- \* Chairman Alfred C. Sikes  
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- \* Commissioner James H. Quello  
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Philip L. Malet

\* By Hand